

1/1 - (C) FILE ECAPLUS
AN - 1987:481485 ECAPLUS
DN - 107:81485
TI - Use of the magneto - induction effect
for intensification of grinding
AU - Svalov, S. A.; Boriskov, F. F.; Chanturiya, V. A.; Stepanishcheva,
T. G.; Eliseev, N. I.
CS - Inst. "Unipromed", Sverdlovsk, USSR
SO - Izvestiya Vysshikh Uchebnykh Zavedenii, Gornyi Zhurnal (1987), (6),
125-9
CODEN: IVUOAS; ISSN: 0536-1028
DT - Journal
LA - Russian
AB - The magneto - induction effect on the
steel balls in a grinding mill was used to optimize the
grinding of a Cu-Zn ore. Movement and impact efficiency of
the grinding balls, particle size distribution, breaking
selectivity of the ore, and productivity of an exptl. mill were
improved by using a variable electromagnetic field during
grinding. Use of automation enhances the efficiency of the
magneto - induction grinding of ores.